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PAT BASIC® - Pediatric Auscultation Trainer with SimScope Wi-Fi Training Stethoscope

Item No. 1020098
Weight 4.497kg
Brand Cardionics
MPN: 718-8835

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SKU:

Categories: Auscultation



Product Description

Why Choose the PAT BASIC® for Your Simulation Lab in India?

The PAT BASIC® – Pediatric Auscultation Trainer with SimScope Wi-Fi Training Stethoscope (Item

No. 1020098, Brand: Cardionics, MPN: 718-8835, 4.497 kg) is the entry point into Cardionics' pediatric auscultation training line, pairing a portable pediatric torso with the SimScope electronic stethoscope for site-specific heart, lung, bowel, and bruit sound training. Compared to the flagship PAT® and SAM 3G® systems, PAT BASIC trades laptop-based phonocardiogram software and carotid pulse simulation for a lighter, more affordable package — while still offering more lung auscultation sites (16 vs. 8) and bruit sites (2 vs. 0–1) than the standard PAT®, making it a stronger choice specifically for respiratory and vascular auscultation training on a budget.

For nursing colleges and MBBS clinical skills labs in India setting up pediatric auscultation training without laptop/software infrastructure requirements, PAT BASIC is the practical entry-tier choice — see the comparison table below for how it stacks up against SEM's full Cardionics auscultation trainer range.

Q: Do I need a laptop to use PAT BASIC? A: No — unlike PAT® and SAM 3G®, PAT BASIC doesn't require laptop-installed software. Sound selection happens directly via the Wi-Fi SimScope stethoscope.

Q: How does PAT BASIC compare to the standard PAT®? A: PAT BASIC has more lung sites (16 vs. 8) and bruit sites (2 vs. 0), but drops the phonocardiogram software and requires the SimScope stethoscope specifically rather than any standard stethoscope.

Q: Is this available in different skin tones? A: Yes — light and dark skin tone versions are both available.

Contact us at sem@semtrainers.com or call +91-88495 63724 for pricing and availability.

Auscultation is an essential clinical skill needed to assess and monitor patients' conditions. With Cardionics PAT Basic Pediatric Auscultation Manikin, teaching and learning this skill becomes even more versatile and economic. PAT Basic trainer uses a SimScope stethoscope, which is an electronic simulation stethoscope. SimScope has been created to provide real-time standardized patient interaction and assessment using a preloaded library of pediatric cardiac, respiratory, bruit, and bowel sounds. It resembles a sleek electronic stethoscope with binaural ear tips for listening, chest piece for placing on a patient, and middle enclosure housing the electronics and replaceable AAA battery. The SimScope stethoscope is used to simulate pediatric heart, lung, bruit, and bowel sounds, utilizing a large sound library incorporated into the SimScope stethoscope. The SimScope Wi-Fi enables wireless communication between the SimScope and the PAT Basic auscultation manikin, allowing users to change sounds remotely or to use in conjunction with a scenario-based simulation. By placing the SimScope over the anatomically correct locations of PAT Basic, the programmed sounds will be played through the scope, allowing students to employ and enhance their diagnostic skills. PAT Basic can be used for:

- Individual learning
- Group lectures

- Viewing phonocardiograms

Delivery content:

- A portable PAT Basic male pediatric auscultation torso
- One (Wi-Fi) SimScope training stethoscope
- The SimScope software and site license
- USB cable
- Detailed user manual

How is PAT Basic Student Auscultation Manikin different from other pediatric auscultation products available on the market?

- It is lightweight & portable
- It utilizes the extensive Cardionics proprietary pediatric heart, lung, bruit and bowel sounds library
- Students can listen at anatomically correct auscultation sites
- A customized library is available to fit specific scenarios and programs (contact us to find out more.) The SimScope Wi-Fi allows for remote selection of sound scenarios

All PAT Basic Auscultation Training models are available as light or dark skinned version. Cardionics auscultation trainers now include a COVID-19 lung sound! The manikin is available in a light and a dark skin tone.

	SAM 3G®	SAM II®	SAM Basic®	SAM OnLine®	PAT®	PAT Basic®
Item No.	1021554	1020095	1020097	8000918	1020096	1020098
Hardware						
Laptop with pre-installed software	Yes	Yes	-	-	Yes	-
Stethoscope used	any stethoscope	any stethoscope	SimScope®	-	any stethoscope	SimScope®
Carotid pulse	Yes	Yes	-	-	-	-
Can be connected to the speaker system 1021753 for group instruction	Yes	Yes	-	Yes	Yes	-
Auscultation sites						
Heart	4	4	4	-	4	4
Lung	8	8	16	-	8	16
Bowel	2	2	2	-	2	2
Bruit	1	1	2	-	1	2
Auscultation sounds						
Heart	49	35	18	45	37	25
Lung	34	24	19	25	17	12
Bowel	11	11	5	16	4	4
Bruit	6	6	1	6	0	1

COVID-19	Yes	Yes	Yes	Yes	Yes	Yes
Software						
Phonocardiogram (recording of all the sounds made by the heart during a cardiac cycle)	Yes	Yes	-	Yes	Yes	-
Sounds in the Real Sound Library	24	0	0	-	0	0
Echo Cardiogram Videos	12	0	0	-	0	0
Case Videos	24	0	0	-	0	0
Users can create and save own videos	Yes	-	-	-	-	-
Users can setup password protected lectures	Yes	Yes	-	-	Yes	-
Multi-languages available	Yes	Yes	-	-	-	-
Available in light and dark skin tone	Yes	Yes	Yes	-	Yes	Yes